

Commonwealth of Massachusetts  
Department of Telecommunications and Energy  
Fitchburg Gas and Electric Light Company  
Docket Nos. D.T.E. 02-24/25  
Responses to the Department's Seventh Set of Information Requests

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**Request No. DTE 7-20 (Gas):**

Refer to the testimony of James L Harrison (Gas) at 19. Please provide supporting studies and calculations, or refer to any documents previously filed in this docket, that show how the Company determined the indicated "replacement cost new for each rate class's services."

**Response:**

Costs of Services for the various classes is shown on Work papers supporting Schedule JLH-6 (Gas) pages 22 through 25. The service costs are calculated using Base dollars and direct overhead dollars for labor, transportation, material and invoices as shown. Details relating to these costs are shown at the bottom of each page, where the overall elements are based on recent historical data for purchase, material and labor installation expenses. Also as shown in the detail where appropriate, weighting factors were used to include consideration for the distribution of Low Pressure and High Pressure services with differing costs.

**Person Responsible:** James L. Harrison